

# GENERAL INFORMATION

## Conference Board of Directors:

Edward L. Duffy, MD ..... Medical Director  
 Sean Carroll ..... Executive Director  
 Carlene Whitcomb ..... Co-Executive Director  
 Diane Bunnell ..... Education Coordination  
 Judith Deveau ..... Staff Coordination

Cindy Fagnant ..... Event Director  
 Kim Thayer ..... Event Director  
 Conference Staff .....

Sabra Carroll, Ginger Laverty,  
 Ed Laverty, Marcel Deveau,  
 Tim Leavitt, Shawn Grover

## EXHIBIT Hours:

Friday 8:00 am through Sat. at 5:00 pm

## EXHIBITORS TO DATE

Bull Dog Apparatus	Greenwood Emergency Vehicles	Sugar Loaf Ambulance
Bergeron Protective Clothing	Image Trend	Visibly Safe
Center For Domestic Preparedness	NH Bureau EMS	Yankee Fire Rescue
Clinical 1	Professional Vehicle Corp	Zoll Medical
DHART	Stryker	

## SPECIAL EVENTS

**Friday: 5:00 PM-6:00 Pm Exhibit Hall Extravagnza**  
**Saturday: 6:30 PM-7:30 PM Dinner with Awards & Presentations**  
**Choice of Pork, Chicken or Vegetarian, Cash Bar**

8:00 – Midnight Party Time!

Partying and dancing with DJ John Jaworski - until 12:00 a.m. Cash bar open to all conference guests.

## LOCATION:

The conference will be held at the Attitash Grand Summit Hotel and Conference Center on Route 302 in Bartlett, located slopeside at Attitash-Bear Peak Ski Resort.



## Hotel Registration:

Our special rate for a deluxe room with single or double occupancy is **\$95.** + tax per night (two night registrations will be given priority). One-night registrations will be based on availability. One-night stays are available at Attitash Village (a shuttle bus will be available on a regular basis). Children under 15 share rooms with parents free. Rates include use of indoor health spa, heated pool, saunas, weight room and Jacuzzi, and hiking trails. Please reference the New Hampshire EMS Conference when making your reservation, which must be made by September 13, 2011 to guarantee availability. Please call the hotel directly at (603) 374-1900 or 1-888-554-1900. The Grand Summit Hotel will assign its own room registration and cancellation policy and requires a 7 day advance cancellation notice for a refund.

**Directions:** will be made available upon request.

**Parking:** The upper parking lots fill fast. If you park in lower lots there is a Grand Summit shuttle van that will pick you up. Best way to catch a ride is to wait at the Base Lodge or at the end of parking rows.

**Childcare:** Qualified childcare during the conference is available by making special arrangements with The Grand Summit Hotel and by calling the hotel directly.

**Fees:**

**Conference fees for Workshop/Specialty Programs vary and are listed separately on the Registration Sheet. All other programs are listed under the set daily registration fee as a per day charge.**

**All fees include:** Continental Breakfast, Lunch and refreshment breaks.

**Special Orders don't upset us** - If you have any special dietary requests/food allergies please call Tracy Albert at (603) 374-2141 at least 1 week in advance for an alternate menu choice.

**All fees must be paid prior to the release of attendance certification.**

Return registration form and payment to:

NH EMS Conference Registration  
Littleton Regional Hospital • **Kim Thayer**  
600 St. Johnsbury Road • Littleton, NH 03561

**Registration:** Register **early** to get your first choice! Space is limited. Once a lecture has reached maximum capacity, it will be closed. The Conference Board reserves the right to cancel or amend lectures as necessary. Deadline for registration by mail and on-line is October 7, 2011. Registration at the door is based on availability. Any questions, call the Conference committee at (603) 444-9205.

**Register on-line at: [www.littletonhospital.org](http://www.littletonhospital.org)** (under Special Events)

On-line registrations will not be accepted if sessions are not selected or payment is not included.

**Brochure:** please feel free to copy the registration form as needed

**Refunds:** Conference: A \$25 per-conference-day charge will be assigned for cancellations received after October 1, 2011 no refunds will be made after October 14th.

**Conference T-Shirts:**

This year we will be going back to T-Shirts (per student request). The T-Shirts will be in recognition of **Breast Cancer Awareness**. Only orders made by **October 1, 2011** will be available at the conference. No orders will be accepted after that date. No T-shirt refunds will be provided after September 15, 2011.

**Things to Do:** Spouses may find the 30 outlet centers and discount shops in the immediate North Conway/Bartlett area are well worth the trip. Discount coupons are available on request for guest staying at the Grand Summit. There are numerous scenic roads (for foliage) and tours available in the North Conway area along with hiking and bike riding. The hotel has many amenities for registered guests including an outdoor **"heated"** pool, hot tubs, exercise room and scheduled massage therapy is available.

**Conference Dress:** The conference is a casual event so comfortable garb is recommended. We also recommend that you dress in layers. Some classrooms can be either too cold or too hot for personal comfort. Best solution... dress comfortably in layers. If you plan to participate in any outdoor events – please dress accordingly - this includes Wilderness and Swift Water Rescue workshop.

Don't forget your swim suit as the hotel has a heated pool and 2 hot tubs

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# GENERAL INFORMATION

## COURSE CODES

Prefix **E** - Educator Level Program  
Prefix **A** - Advanced Level Program

Prefix **G** - General Education Program  
Prefix **M** - Management Level Program  
Prefix **P** - Paramedic/Nursing Level Program

# CONFERENCE PROGRAMS

All credit hours for national level certification courses may be issued by the certifying agency in addition to the Conference Certificates of completion that will be issued to all attending.

Friday, October 14, 2011

8:00-5:00 **G101 – GEMS**

Geriatric Education for Emergency Medical Services... A Comprehensive course that addresses pre-hospital care for our growing aged population. This course is designed for all provider levels.

*Toni Lipari*

8:00-5:00 **G102 – Field Skills for Mountain Medicine**

This class will broaden your knowledge for providing back country emergency care. This session will consist of two portions, classroom and a field exercise component. Come prepared to learn from an international expedition leader as well as the outdoors. (Maximum Student Registration is 20) Class will include an outdoor component, **dress for the weather appropriately.**

*Andy Miller*

8:00-5:00 **G103 – BLS PEPP**

The Pediatric Education for Pre-Hospital Professionals course has been developed by the American Academy of Pediatrics to provide care givers with the educational resources to recognize, respond and treat life threatening emergencies. This course is also intended to educate providers in the recognition and latest treatment modalities in pediatric emergencies.

*Richard Clow/Paul Wentworth*

8:00-5:00 **A/P104 – Multi Lead Medic**

Multi-Lead Medic is a nationally recognized trademark program developed by Bob Page. This workshop is designed to give paramedics, nurses and other participants the information needed to use their standard 3 lead monitors or today's 12-lead ECG machines to further assess patients with cardiac or other complaints. Course handouts contain easy-to-use charts and illustrations designed to help the user rapidly identify conditions that may lead to further compromise of the patient. Bob delivers the workshop in a relaxed manner that builds confidence.

*Bob Page*

8:00-5:00 **M105 – EMS Leadership, Supervision and Administration ... Working and Managing EMS in the new Frontier ...**

This interactive presentation will discuss and identify the different roles of leadership, supervision and administration to be a successful EMS leader. Other key concepts of EMS benchmarking, coaching, mentoring and conflict. Management/problem solving for EMS success will be discussed. The student will be able to bring home practical applications that will enable them to be successful EMS leaders in the future.

*Mike Wallace/Bill Hathaway*

8:00-5:00 **A/P106 – ACLS Recertification**

This 8 hour recertification course will enhance your skills in the treatment of arrest and peri-arrest patients through active participation in a series of simulated cardiopulmonary cases. These simulations are designed to reinforce important concepts, including identification and treatment of medical conditions that place the patient at risk for cardiac arrest; BLS primary survey; ACLS secondary survey; ACLS algorithms and effective resuscitation of team dynamics. Prerequisite is previous ACLS card holder less than 2yr. (Maximum student registration is 24)

*Cindy Fagnant, Ed Laverty, Donna Toohey, Steve Czarniecki*

8:00-6:00 **G107 – Water Rescue Technician**

The WRT course is a fast paced educational program combining classroom and in-water practical training specially designed for public safety and rescue professionals. The program focuses on surface water rescue and survival principles and procedures in order to perform recovery operations in, on and around water. Pre-requisites for this course include: 18 yrs of age and older, comfortable with deep water, wearing a floatation device and able to swim 2 laps of the pool while wearing a personal floatation device. The practical portion of the course is conducted in an outdoor heated pool. Participants are strongly encouraged to bring and wear a wetsuit for use during the 4.5 hour practical session, must wear tennis shoes or wetsuit booties. If wetsuits are not available participants must wear long pants and t-shirt/sweatshirt in the water. Firefighters are encouraged to bring their personal turn out gear.

*Gerry Dworkin*

12:00-1:00 **Lunch/Break (Exhibit Hall Open)**

**1:00-5:00 M108 – EMS Managers Program – Modules 4 and 5***NECEMS – John Vose, Gary Wiemokly*

(Maximum student registration is 24) This four-hour module is designed to increase the awareness of the issues involved in the management of EMS organizations. It is designed for those individuals who are leaders and managers of these organizations, or those who aspire to such positions. Topics include an introduction to the EMS system, legislation & regulation and leadership.

**1:00-5:00 G109 – Response to Strangulation***Robert Frechette*

This 3 hour course is designed to help you recognize and respond to strangulation (aka choking) cases. Strangulation is a life threatening emergency and is routinely viewed as nothing more than a minor assault. Topics include: findings from a study of 300 non-fatal strangulation cases, identifying injuries when there are no external marks on the victim, offensive vs. defensive injuries. The course will also go over treatment recommendations, documentation of injuries, preservation of evidence and the dispatcher's role.

**2:30-3:00 Break (Exhibit Hall Open)****3:00-4:30 A/P110 – Cardiogenic Shock***Brian Gleason*

Cardiogenic shock is a state of inadequate tissue perfusion due to cardiac dysfunction and acute myocardial infarction. This program reviews cause, epidemiology, pathophysiology and treatment of cardiogenic shock resulting in CHF.

**Saturday, October 15, 2011****7:00-8:00 am Registration****7:45 Opening Remarks***Conference Staff***8:00-9:00 G200 – Key Note Presentation – Ignorance Indifference***Bob Page*

An old Ozarks proverb states, "Everyone is ignorant until proven stupid". Ignorance is not a bad word, it simply means you don't know. Everyone is therefore ignorant of something. However, when it relates to patient care, is it keeping us from delivering the best care possible? It is not what you realize you don't know, it is what you don't know you don't know that gets people hurt. Are we so set in our ways that we are indifferent to learning more? When these two collide, it is called "ignorance indifference" – I don't know and I don't care. This philosophy can greatly hinder your ability to respond to new guidelines, treatment modalities and assessment techniques. Come let Bob Page show you clear cut EMS examples of how to overcome common problems so you can provide your patients with the best care possible.

**9:00-1:00 G201 – Surface Ice Rescue Workshop***Life Guard Systems*

If your location has the potential for ice, this workshop is a must! You will learn about safe and effective rescues from the time of the call till the patient arrives at the hospital. Covered topics may include; Awareness, Operation, and Technician jobs. The critical ten duties for the first person on the scene. What Equipment works and what doesn't. Why expensive is not always better. Minimum Necessary Equipment & Personnel Drowning and immersion hypothermia physiology and pre-hospital care. Plus much more!!

**9:15-10:45 A/P202 – "Kick Butt Cardiac" This Stuff Rocks***Bob Page*

In the same interactive format as Rocky Horror Picture Show, these are case presentations with a twist. Actors, music and audience participation make this an unforgettable learning experience. Cases are presented from AMI, CHF, V-Tach and code saves! This is the ultimate positive reinforcement course for the audience.

**9:15-10:45 G203 – Role of First Responders with Organ and Tissue Donation***Ginnie Teed*

This 90 minutes presentation discusses the first responder's role in ensuring donor and recipient safety, obvious roles of the first responder as well as secondary roles, delineation of donor types, organ and tissue donors recovery and death determination and donor types. Case scenarios will be discussed as well as donor authorization/legal consent status. Please bring all your questions as there will be time to discuss them at the end of this session.

**9:15-10:45 G204 – Looking in the past to see the Future***Tim Hillier*

This session reviews the history of EMS medicine in a humorous fashion and then looks at where we need to go in the future. At the end of this session, the participants will be able to reflect on the changes in EMS through time and use the information to chart their own future course.

9:15-10:45 **A/P205 – Tips for Tubing Tots**

*Pete Lazzara*

This lecture is a pediatric specific advanced airway lecture which addresses several issues and concerns of the pre-hospital provider when it comes to getting that tough tube. "Tips" stresses the fundamental of pediatric assessment. Topics include: knowing who is sick and who is not, airway anatomy, BLS airway adjuncts and skills, how kids compensate for illness and injury as well as field-tested and proven pediatric intubation tips to increase the pre-hospital providers' success

9:15-10:45 **G206 – I Need a Drink and Don't Have the Good Stuff**

*James Williams*

Alcohol abuse is a prolific problem throughout the world. Many individuals addicted to this substance will often spend their last dime on a drink of alcohol. Have you ever thought of what they do when they run out of money or the "good stuff"? During this session, James will explore common ingestions of substances chronic abusers of alcohol may use to replace the "good stuff" and the devastating effects it can have on the human body. This presentation is packed full of essential lifesaving information, infused with a healthy dose of humor.

9:15-10:45 **G207 – When you can't Save a Life ... Save a Death**

*Dr. Phil Lawson*

After the workshop the EMS Provider will be able to: Identify symptoms that suggest death is imminent, use appropriate medications and non-pharmacological measures to control shortness of breath, pain, and vomiting in dying patients, properly interpret and act upon living wills DPOAH's and DNR orders, provide patients with quality supportive care without antagonizing the family of the dying patient, and gain satisfaction in the care of patients and families when a life cannot be saved.

9:15-10:45 **G208 – Document with Professionalism**

*Richard Cooper*

Come and find out why documentation of our EMS incidents is important to the profession of EMS. This course will review both the importance of documentation and general good practices that can be applied to any documentation program. Examples of poor documentation will be shown to illustrate how even one poorly written report can make us all look bad.

10:45-11:15 AM **Break – Refreshments served from the Exhibit Hall**

11:15-12:45 **G209 – Get Smart About Drugs**

*Lisa Remick*

What substance are today's teens using? Where are they getting them from? How are they hiding them? What can we do about it? This presentation will cover all of this and more. Participants will be able to recognize these substances and paraphernalia associated with abuse. The latest tips and strategies will be provided to assist you with your patient assessment.

11:15-12:45 **G210 – Understanding the History of Modern Day Terrorism**

*Brian Gleason*

Understanding modern day terrorism looks at the historical aspects of domestic and international terrorism by exploring attitudes, previously learned knowledge and new information gained from the incident scene and environment. EMS providers will learn skills to gather the information they need to make effective decisions that will keep their crew and resources out of harms way.

11:15-12:45 **G211 – It hurts when I Breathe! Common Chest Injuries**

*Tim Hillier*

Airway, Breathing, Circulation. Chest hit at the heart of our primary survey. This session is a review of common chest injuries with a case study approach. This course will review the anatomy and physiology of the chest cavity, describe specific chest injuries and treatments.

11:15-12:45 **G212 – Sleep Deprivation and the First Responder ... is not Sleeping Killing us?**

*Mike Wallace*

This course will review the signs and symptoms of sleep deprivation and the long term effects on individuals such as Physicians, Nurses, EMS personnel, Police and Firefighters. This presentation will include health effects such as diabetes, alcoholism, obesity and heart disease. The course will also include ways to eliminate sleep deprivation findings from a nationwide study performed by the Harvard School of Medicine will be reviewed.

11:15-12:45 **G213 – Coping when it doesn't work**

*James Williams*

Countless hours are spent by individuals in the EMS profession learning how to assess patients, conduct differential diagnoses, select and administer medications, use algorithms, and how to use the tools at our disposal. Many times, this core knowledge makes a difference in the outcome of our patients. However, there are occasions when regardless of how "by the book" things are done, the outcome is not positive. This session explores the science behind some of our knowledge we carry as well as data which demonstrates how effective they are. The instructor will provide you with tips on how to deal with emotional and physical reactions providers may have when the call doesn't have a "TV movie ending."

**11:15-12:45 A214 – Chronic Painers: it doesn't need to be such a pain***Dr. Phil Lawson*

Patients with chronic or recurrent pain conditions are some of the most challenging for EMS personnel to treat successfully. Chronic pain has unique characteristics that affect patient response and interpersonal relationships. Chronic conditions require medical caregivers to adjust basic approaches to pain management. This presentation will review the basic physiology of chronic pain transmission and experience and review both non pharmacologic and pharmacologic approaches to the chronic pain patient who presents with an acute change of their baseline condition.

**11:15-12:45 G/A215 – EMS Response to the Pregnant Patient***Gary Wiemokly*

This lively program will review the physiological and anatomical changes that occur during pregnancy and how they effect assessment and treatment, by using case presentations that punctuate key points. Gary moves from BLS to ALS care, offering patient assessment tips that have practical application in and out of the hospital setting. He promises this is not your usual "Birthday Baby Class."

**11:15-12:45 G216 – That's not a missile ... That's my head***Pete Lazzara*

The leading cause of pediatric mortality is trauma; the leading cause of trauma death is head injury. This lecture looks at the anatomical and emotional development differences of the pediatric patient which puts them at risk. The "missile" presentation will provide the pre-hospital provider with a better understanding of assessment of the traumatic brain injured child as well as treatment and transport priorities in TBI management.

**1:00-2:00 Lunch****1:30-5:30 G217 – Surface Ice Rescue Workshop***Life Guard Systems*

If your location has the potential for ice, this workshop is a must! You will learn about safe and effective rescues from the time of the call till the patient arrives at the hospital. Covered topics may include; Awareness, Operation, and Technician jobs. The critical ten duties for the first person on the scene. What Equipment works and what doesn't. Why expensive is not always better. Minimum Necessary Equipment & Personnel Drowning and immersion hypothermia physiology and pre-hospital care. Plus much more!!

**2:00-3:30 G218 – SWAT Medicine***Mike Schumann*

This class will look inside the state police SWAT Unit and what to expect should your emergency medical services be asked to assist the SWAT team in your community. Explored will be the unit's history, member requirements and functions as well as medical capabilities and limitations.

**2:00-3:30 A219 – Therapeutic Hypothermia Post Cardiac Arrest***Dr. Anil Mukerjee*

This course will review the purpose and goals for therapeutic hypothermia and explain the methods of initiating and maintaining a hypothermic state. In addition to the benefits of therapeutic hypothermia, the costs involved will also be discussed.

**2:00-3:30 G220 – Big or Small ... We Haul EM ALL***James Williams*

For the past decade, the number of Americans who are classified as being obese has risen dramatically. Morbid obesity is a medical condition which may develop slowly, but can have devastating effects on the overall health of the patient. This session will discuss the definition of morbid obesity, co-morbid conditions associated with obesity, pre-hospital treatment concerns and various methods for reducing the patient's weight.

**2:00-3:30 M221 – I Need Help: Recruitment and Retention of Volunteers***Bill Hathaway*

Volunteers are getting harder to find and don't usually come knocking at your door. This course is designed to give you a glimpse of how to attract and motivate someone to volunteer and then once you get them, how to keep them.

**2:00-3:30 G222 – Elder Abuse and Neglect***Tracy Culberson*

Crimes against the elderly are vastly under reported and often times go unnoticed. Elder abuse victims suffer in silence because their typical abuser is often a child, loved one or caregiver upon whom they rely on for all their daily needs. Most acts of elder abuse are not reported and the victims continue to suffer unless the signs and symptoms of abuse are recognized by someone with the knowledge and specific training to do so. Providers must possess the knowledge and training to recognize the signs and symptoms of elder abuse to maintain compliance with the state mandatory reporting law, protect victims from abuse and hold perpetrators accountable.

**2:00-3:30 E223 – Teaching New Dogs Old Tricks***Lizbeth Auth*

This session is designed for EMS educators or for those who wish to pursue the teaching aspect of EMS. In her current role as a clinical instructor for Saint Anselm College, Lizbeth is proficient with utilizing education theory to develop programs that address a variety of learning styles. This 90 minute program will provide the attendee with a great overview of how this new generation of EMS providers learn ... so how do we teach? How can we best teach! Lizbeth will use a lot of stories, examples, and humor in her presentation as well as provide you with a handout that assists you to develop your own plan for your EMS team.

## Afternoon Break

### 3:45-5:15 **G224 – Effective Triage Techniques for EMS Providers**

*Bill Gillis*

Triage is the sorting and prioritizing of patients during a Mass casualty event. This infrequently used skill can mean the difference between life or death. This lecture will examine the modern principles and approaches to field triage. This lecture will culminate with a group exercise applying modern triage principles.

### 3:45-5:15 **A/P225 – Twelve Leads for Dummies**

*Tim Hillier*

In this session you will learn the value of pre-hospital 12 leads and learn the basics of AMI recognition. You won't leave here an expert, but you will have a better understanding of what all those wavy lines are trying to tell you. The session will go over when to do a 12 lead, steps of obtaining and recognizing and localize AMI on a 12 lead ECG and it will also differentiate left from right bundle branch blocks on a 12 lead ECG.

### 3:45-5:15 **G226 – A Disease with no end in sight**

*James Williams*

In the United States, cancer is the second leading cause of death. Over the past few decades, many treatment options have become available for individuals suffering from this disease. This session will discuss several common types of cancer, current treatments and the side effects of said treatments. In addition, the session will explore common findings in patients suffering from this disease, such as medications, physiological changes, treatment adjuncts and considerations that may need to be taken when treating the cancer patient.

### 3:45-5:15 **G227 – Pharmacology for the BLS Provider**

*Richard Clow/Paul Wentworth*

This session discusses the pharmacological interventions EMT Basics are allowed to assist with and looks at many common medications that patients take daily.

### 3:45-5:15 **G228 – Domestic Violence Break the Silence, Break the Cycle**

*Bill Hathaway*

EMS providers are commonly called for incidents that involve domestic violence. Sometimes domestic violence is not even recognized. This class deals with recognizing domestic violence or intimate partner abuse, breaking the silence, involving law enforcement early and how to deal with potential dangers that EMS providers may face.

### 3:45-5:15 **G/A229 – EMS Goes Hollywood**

*Pete Lazzara*

EMS goes Hollywood utilizes clips from famous Hollywood movies to setup case studies. This presentation will take you on an Oscar award winning look at triage, abdominal distress, allergic reaction and anaphylactic shock, pain management in the pre-hospital setting, cardiology and altered mental status from trauma. Bring a bag of popcorn and be ready to sit back and learn.

### 6:30 **Banquet and Awards Presentation**

*Grand Ball Room*

See "Special Events" section of brochure for details

## Sunday, October 16, 2011

### 9:00-10:30 **A/P300 – Stabilization in the Newborn**

*Mike France*

Newborns are a special population that require a different approach to care than our pediatric and adult populations. In the lecture "Stabilizing Newborns", you will learn critical concepts to utilize when you care for a newborn either in the field or in the local emergency room. The lecture will highlight three areas for you to consider for the newborn including glucose management, temperature stability, and airway management. Each topic will include case examples from neonatal transports when this was vital to the outcome of the newborn, as well as rationales for management by understanding neonatal anatomy and pathophysiology.

### 9:00-10:30 **A/P301 – LVAD**

*Richard Cooper*

LVAD is a left ventricular assist device which is designed to assist patients in serious heart failure who are waiting for a heart transplant. Due to the increase population of patients who have this device, it is important to understand the mechanism and treatment needed for these patients. This session will provide you with a better understanding of the device, what you'd expect to see and how to treat them appropriately.

### 9:00-10:30 **G302 – Do we really need customer service**

*James Williams*

Customer service is usually a term reserved for business professionals or organizations that provide services for a price. Most EMS providers and services operate on the philosophy that they have no competition and cannot be replaced; therefore customer service is not a concern. More often than not, the public we serve receives high quality medical care, but we often forget that customer service is an important component of the care we deliver. This presentation demonstrates the need for customer service in the EMS organization.

### 9:00-10:30 **G/A303 – The Syncope Patient**

*Richard Clow/Paul Wentworth*

This session looks at the assessment of the syncope patient. We will discuss forming a differential diagnosis and applying the most appropriate care for a patient who has passed out.

**9:00-10:30 G304 – Whose Emergency is it anyways***Gary Wiemokly*

When the tone goes off you and your team responds to the call. Are you prepared for what awaits? Usually yes! But who are all these other folks on-scene? What is their link to the patient and why do they want to tell you how to run your EMS call??? Sure we've all been there, but do we really do our best with communication with these folks? Share some time with Gary as he shares his years of experience meeting, greeting and making the most out of uncomfortable situations. Just remember he's here to help you!

**9:00-10:30 G305 – Rural EMS, Why are we Different?***Bill Mead*

This class explores the differences between rural and urban EMS services and providers. Subjects include training, commitment, exposures, support logistics and patient care to name a few.

**10:30-10:45 Break****10:45-12:15 G/A306 – Death by Tidy Bowl***Dr. Daniel Wolfson*

A new form of suicide involving the production of highly toxic hydrogen sulfide gas by mixing common household products is becoming more common in the United States. "Detergent Suicide" poses a significant risk to EMS personnel who can easily become victims themselves if the hazard is not recognized and appropriate protective measures taken. We will review this new suicide risk including: epidemiology, pathophysiology, pre-hospital and emergency department care and safety for EMS providers. Advanced toxicology topics will be covered including dyshemoglobinemias, acid/base and antidotes. Specific attention will be given to EMS issues such as pre-hospital care, scene control and hazard recognition.

**10:45-12:15 G307 – Geriatrics***Mike Kennard*

This presentation will cover the aging process, different disease processes and special situations that the EMS provider can encounter. This presentation will also cover depression in the geriatric population.

**10:45-12:15 G308 – When Pepto Doesn't Work***James Williams*

Nausea, vomiting and diarrhea are extremely common complaints that patients present with. Most times providers will often overlook these symptoms as merely a trivial complaint. However, these conditions may be a significant event or be a warning sign of a life-threatening condition. This presentation discusses causes of these conditions, what they may indicate, and pre-hospital treatments. Those in attendance need bring with them a strong stomach and a sense of "bathroom humor!"

**10:45-12:15 G309 – Firefighter Rehab***Alan Clark*

This session will define what Fire Chiefs expect when they ask EMS units to establish the "Incident Rehabilitation" at an incident or extended training. This session will explore the requirements of NFPA 1584- Rehabilitation, discuss sample standard operating guidelines, review effective rehabilitation and the medical assessments that are expected by the Chief. This session will utilize examples and will attempt to provide lively discussion about a critical component of managing incidents. Those that attend will obtain forms and guidelines that can be modified for their department use.

**10:45-12:15 P310 – Thinking Outside the Box***Richard Clow/Paul Wentworth*

This lecture discusses the alternate uses for the medications routinely carried by paramedics. It looks at the recommended doses, pharmacological effects and the risk/benefit involved. We will discuss the importance of getting the online Medical Control Physician to approve its use.

**10:45-12:15 G311 – EMS Ethics and the Certification Scandal***Jeff Stewart*

This session will consist of a review of the history and development of medical ethics as it relates to EMS and will utilize two current EMS certification scandals as case studies and examples for ethical decisions and practices.

**12:15-1:00 Lunch****1:00-2:30 G312 – Can We Learn From Humor***James Williams*

Humor is a necessary tool in order to stay sane in this profession. The sarcasm, jokes and comments traded between public safety providers are often found to be a form of stress relief. However, from the outside looking in, most would think that we need serious therapy. Aside from the psychological benefits of humor, valuable lessons can be learned. During this session, James will share with you some of the hilarious situations he has faced and the lessons he has learned from each experience. Attendees are encouraged to use the restroom prior to the session as having an "accident" would be embarrassing.

1:00-2:30 **G313 – “The Addicted Provider” Who are we? How did this happen?**

*Jeanne Erickson*

Ok, we know that we're a driven, goal oriented group. That's a good thing, right? But what happens when these traits go into over-drive? How do we slow down? What are the dangers to our physical, emotional and spiritual health? Can we recognize the slippery slope? Join me for a discussion about dangers of addiction, the role of the CNS and how we can be caught in that web of addiction.

1:00-2:30 **G314 – Mass Casualty Incidents (MCI), practically speaking**

*Mike Walker*

What constitutes an MCI? How prepared are we for one? Do we recognize one when we see one? If we see one, are we afraid to “pull the trigger” for fear of criticism? Do our regional partners all speak the same EMS language? This lecture encourages the practitioner to not only recognize an MCI, but to encourage them to activate their plan in both actual and potential incidents. It reiterates for the student the practical application of well known practices, policies and procedures for managing MCIs. In addition, the student will be introduced to a variety of real life scenarios where an MCI should have been declared and what would be expected outcomes; specifically, the best possible treatment for our patients. Students participation, feedback and questions are encouraged.

1:00-2:30 **G315 – Is My Baby OK?**

*Jeff Stewart*

This presentation will consist of review of the complications of labor and pre-mature birth. The focus will be on trauma and its impact on the pregnant patient as well as the unborn and prematurely born patient!

1:00-2:30 **G316 – EMS Response to Suicide Bombings ... Are We Prepared?**

*Mike Wallace*

This interactive session will identify blast injuries and what types of body systems are affected from terrorist bombings. EMS providers will learn how to handle patients with blast injuries, mass casualty vs. mass fatality issues. This session will also prepare the EMS provider to safely and effectively respond to these types of terrorist events.

## CONFERENCE FACULTY

**Lizbeth Auth, RN BSN MSN** – Lizbeth currently is a CNIII level RN in the Emergency Department at Catholic Medical Center in Manchester, NH. She is a Nursing Educator with extensive experience in clinical and classroom setting. Her professional background lies in emergency, medical/surgical, and rehabilitation care. She is an adjunct professor at Saint Anselm College Nursing Program, an adjunct faculty member for the Outdoor Emergency Care Course as well as an active member of Pats Peak Ski Patrol.

**Alan Clark** – Alan is the current Fire Chief of Sugar Hill, NH. Prior to serving as Chief in Sugar Hill he was Deputy Fire Chief in Northwood, NH for many years. Chief Clark was one of the first certified firefighter in the state and an early EMT. He has been teaching in the fire service for many years. He has attended the National Fire Academy and has been teaching a popular seminar known as “Street Smart Fire Command” which he co-developed. Chief Clark was responsible for the development of the Twin State Fire Mutual Aid Association Standard Operating Guidelines which includes a guideline on Incident Rehabilitation.

**Richard Clow, EMT-P** – Richard is the operations manager for a progressive municipally based EMS service in Northeast Connecticut, providing both ALS and BLS to the community. Rick was a founding member of Connecticut's USAR team and has been a professional firefighter for over a decade. Rick is active in BLS, ACLS, PALS, PEPP, PHTLS and Medical Services Instructor. Currently Richard is pursuing his graduate degree in Healthcare Management.

**Chip Cooper, MPH, EMT-P** – Chip joined the NH Bureau of EMS in June 2009, as the research and Quality Management Coordinator. Chip has been an EMS provider for over 17 years and has worked in most EMS environments, ranging from high volume urban areas to very rural communities, including private, volunteer, fire based, hospital based, and critical care services. Chip continues to work as a paramedic on Dunbarton and Goffstown Fire Departments and New London Hospital Ambulance Service. He lives in Dunbarton, NH with his wife and three children.

**Tracy Culberson, Assistant Attorney General** – Tracy Culberson currently heads the Elder Abuse and Financial Exploitation Unit of the NH Attorney General's Office, which prosecutes cases of homicide, elder abuse, neglect and financial exploitation throughout the State of NH. In 2006 AAG Culberson obtained the State's first conviction under a statute that makes criminal neglect of an elderly, disabled or impaired adult a felony. Attorney Culberson is a graduate of the 99th

NH Police Academy, Saint Anselm College, the MA School of Law, and is a member of both MA and NH Bar Associations. He served as patrol officer, detective and prosecutor for the Goffstown, NH, Police Department from 1992-2004 and as an Assistant Hillsborough County Atty. from 2004-2005. Attorney Culberson also serves as Chairman of New Hampshire's Incapacitated Adult Fatality Review Committee and is the Project Director for the New Hampshire Partnership for the Protection of Older Adults.

**Gerry Dworkin** – Gerry is a Professional Aquatics Safety and Water Consultant with Lifesaving Resources out of Harrisville, NH. Gerry is an author and trainer of public safety courses and recognized nationally for his programs

**Jeanne Erickson, RN, BSN, EMT-I, I/C** – Jeanne has been an RN since 1978 and an active EMS provider since 1987. She is currently the EMS coordinator at Spere Memorial Hospital and serves as the Secretary of the State EMS coordinators' group and for Region 4. Want to get Jeanne's attention? Just ask her about her beloved Red Sox!!

**Mike Frace, APRN** – Mike has been in health care since 1993. He received both his BSN and MSN from the University of Phoenix. He received his post-Master's certificate in Acute Neonatal Care from University of Connecticut in December 2010. Mike currently works as an Neonatal Nurse Practitioner at the Children's Hospital at Dartmouth, Dartmouth Medical Center in Lebanon, NH. He is a member of the Neonatal Transport Team with his colleagues at DHART. He has a passion for outreach education in the local hospitals and partnering together to provide the best outcomes for the babies in our communities.

**Robert Frechette, NREMT-P** – Robert is a Detective with the Rochester Police Department specializing in domestic violence investigations. He serves on the Strafford County Domestic Violence Project Advisory Board and is a very active member of the team working toward starting the Strafford County Family Justice Center. Additionally, he co-wrote and testified before the NH Legislature in support of HB1634. This bill became law in January 2011 and amended the 2nd degree assault statute to include non-fatal strangulation. He also works as a Paramedic with Frisbie Memorial hospital and has been in Emergency Services for 22 yrs.

**Bill Gillis, MBA, RN, EMT-P** – Bill has been involved in multiple arenas of patient care. He received his Paramedic certification in 1992, his BSN in Nursing in 1993 and his Masters in Business Administration in 2003. He has worked in Critical Care ICU, Emergency Department, and serves as a Flight Nurse with the Unites States Air Force reserves. In 1994 he joined The Derry Fire Department as a Firefighter/Paramedic. Bill holds many certifications, provider and instructor level, in both the fire and medical fields.

**Brian Gleason, NREMT-P** – Brian is the Executive Director of the Amherst Academy of EMS. Brian has over thirty-one years in pre-hospital, clinical, retail and psychiatric healthcare experience. He started teaching EMS in 1993 as an EMT-Intermediate Program Coordinator for the Elliot Hospital. In 1995, he assumed the responsibilities and challenges of Paramedic Education. Brian has extensive experience in program accreditation, approval for VA benefits, ACLS, PALS, PHTLS and developing modular EMS programs. Currently, Brian is the Director of EMS, Chief Paramedic, Health Officer and Administrative Fire Lieutenant for Town of Amherst, NH EMS and Fire Departments.

**William Hathaway, BS, CC/NREMT-P, VEMS I/C** – Bill has been involved in EMS for over 24 years and is currently the Executive Director of Bennington Rescue in Bennington, Vermont and the former Director of Gorham EMS. He is certified American Heart Association and National Safety Council Instructor. He is also the treasurer of the Vermont Ambulance Association and sits on the American Ambulance Association Board of Directors.

**Tim Hillier, EMT-P** – Tim is the Director of Education at M.D. Ambulance in Saskatoon, Saskatchewan, Canada. Tim is a noted speaker in Canada and the U.S. He is author of "Farm Response", Emergency Preparedness for Farm Families, and co-author of the Saskatchewan First Responder Program.

**Mike Kennard, NREMT-P** – Michael has been working in EMS for 33 years and presently works as a Paramedic for Frisbie Memorial Hospital in Rochester, NH. He also works as a program coordinator at New Hampshire FST&EMS presenting continuing education classes around the state. Michael is

a guest contributor to EMS Magazine and [ems/responder.com](http://ems/responder.com). Mike has also participated in the National EMS Memorial Bike Ride (muddy angels) for the last six years and serves on the board of directors for that organization.

**Philip Lawson, MD** – Dr. Lawson is on staff at Littleton Regional Hospital and is a Physician with Ammonoosuc Community Health Services, a FQHC in the Littleton area. He has a special interest on pain management and end of life care. Dr. Lawson also serves on the Ethics Committee and Palliative Care Team at Littleton Regional Hospital.

**Pete Lazzara, NREMT-P, BS** – Pete is a 27 year veteran in EMS and is highly decorated ambulance commander with the Chicago Fire Department and currently the director of simulation training at a large all boys Catholic High School. Pete brings years of classroom experience to his presentations. Pete served for 6 years as EMS coordinator at Children’s Memorial Hospital of Chicago where he gained outstanding experience in the field of pediatrics. He also has several years of critical care transport experiences as a flight medic with Loyola University Medical Centers Lifestar Aeromedical program. He is the founder and president of EMSed, an education company specializing in EMS educational concepts. Pete has received several awards for his work and he is a nationally recognized speaker and presents at EMS conferences nationwide.

**Lifeguard Systems** – This company was founded by Butch Hendrick and is the culmination of a life’s work and the dedication to creating a safer world in the realms of Water Rescue and Public Safety Diving. Lifeguard Systems have brought the Swiftwater Rescue Workshop to our conference. Be sure to stop by their booth in our exhibit hall.

**Tony Lipari, RN NREMT-P, FP-C CIC** – Tony has worked in pre-hospital EMS for 30 years and has experience with urban and rural EMS. He has been an instructor for over 20 years and is currently working as a Critical Care Paramedic for FACT based out of Burlington, VT.

**William Mead, NREMT-P** – Bill has over 40 years experience in safety services, working in EMS as a Fire Chief and a police Officer. He is presently the Ski Patrol director at Cannon Mt Ski Area. In his real job, Bill served the Insurance industry for 30 years as an investigator and litigation manager. He is a FAA licensed commercial pilot. He brings to every session a critical and professional overview that is seen through first hand experience with an understanding of safety services from all points of view.

**Andy Miller, NREMT-P** – Andy Miller has been involved with wilderness medicine since 1994. A ski patroller and mountain expedition leader, he has guided and climbed extensively throughout the Alps, North America and the Himalaya. He has worked as a senior instructor at SOLO. Andy currently is a flight medic for DHART.

**Anil Mukerjee, MD FACC,FACP, FASE, FASNC** – Dr. Mukerjee is a Cardiologist at Littleton Regional Hospital. He is board certified in Emergency Medicine, Internal Medicine, Cardiovascular diseases and is nationally board certified in Echocardiology, Nuclear Cardiology and Computed Tomography. He performs various procedures and is highly respected by his peers.

**New England Council for EMS** – The New England Council for EMS is comprised of EMS representative from all six New England States. The BOD is made up of State Directors and/or State Representatives and other elected members. The Council has been a significant resource in the development of EMS/IC training, Mass casualty training and now EMS Management Training. John Vose and Gary Wiemokly will be coordinating and presenting Module four and five of this program.

**NH Bureau EMS** – “Our leaders in Concord.” The Northern NH EMS Conference Committee and Staff wish to thank the Bureau for their continued support of our conference and our commitment to provide an educational opportunity to the many EMS organizations that provide such an invaluable service to their communities.

**Bob Page, AAS, NREMT-P, CCEMT-P, I/C** – Bob Page is an internationally known speaker, instructor, author and paramedic. He has presented seminars across the United States, Canada and in Europe. He is recognized for his energetic, humorous and motivational style. Bob takes ordinarily dry and hard to teach topics and transforms them into a fun, learning experience. Bob calls it “Edutainment.”

**Lisa Remick** – Lisa retired from the DEA in June of 2011. She had been with the DEA since 1984 and had been stationed in the Boston and Los Angeles Field Divisions and finished her career in the Manchester, NH office. In 2002, S/A Remick was the DEA's demand reduction coordinator for Maine, NH and VT. S/A Remick is a certified DARE Instructor and PRIME for Life Under 21 Instructor. S/A Remick was honored as the New Hampshire Federal Special Agent of the Year for 2006.

**Michael Schumann, NREMT-P** – Trooper Schumann of the New Hampshire State Police is assigned to the Special Weapons and Tactics Team. Michael has been a paramedic since 1989 and provides medical care as part of his duties with the SWAT unit.

**Jeff Stewart, NREMT-P** – Jeff has been in Emergency Medical Services for over 23 years. His background includes military, volunteer and paid EMS experience. He received his Bachelor of Science Degree in Business Management from Daniel Webster College, Nashua, NH. He was the EMS/Trauma Services Manager for St. Joseph Hospital, Nashua.

**Ginnie Teed BA, CPHQ, CQA, CTBS** – Ginnie is certified in Health Care Quality Auditor, and has over 25 years experience. She is responsible for designing, managing and implementing standards in compliance with JCAHO and CMS.

**Michael Walker, MPA, NREMT-P** – After retiring from the navy, he started his civilian fire/medical career in Illinois and Iowa, before returning to the east coast to become the Fire Chief for Pelham, NH. Currently he is the Fire Chief in Yarmouth, MA and holds certifications as a Fire Officer II, Fire Instructor II, Hazardous Material Technician, Fire Apparatus Engineer, Nationally Registered Paramedic. Chief Walker is an Adjunct Professor at Anna Maria College and a Field Staff Fire Instructor at the University of Illinois Fire Service Institute.

**Michael P. Wallace, EFO, CFO, MIFireE, MBA, MA, NREMT-I** – Mike has been in the fire and EMS service for over 23 years and is currently retired as Deputy Fire Chief for the town of Salem, NH. Mike is a recognized leader and national speaker on topics of leadership, organizational management, haz-mat, and terrorism. He currently teaches at the National Fire Academy in MD. He is an EMT-I and holds Masters Degrees in both Organizational Management and Leadership-Business Administration, as well as other notable designations.

**Gary Wiemokly, MPH, LP, RN, EMS-I** – Gary is a patient care provider, educator, administrator and EMS coach. He is the current section chief for the Connecticut Department of Public Health as well as an Adjunct Professor at Springfield College in their EMS Management Program. With over 35 yrs experience as a paramedic/firefighter, flight nurse/paramedic, EMS educator and EMS service director Gary combines humor with the latest patient care research to provide informative and lively presentations. Gary's combined love of EMS, people and unique personal teaching style has made him a favorite speaker at EMS conferences.

**Paul J Wentworth, EMT-P** – Paul is the Emergency Medical Coordinator at Johnson Memorial Hospital, Stafford Springs, CT. Paul is the past chair of the Connecticut State Paramedic Committee, and North Central Education Standards Committee, as well as a Member of the State EMS Advisory, Mass Casualty, EMS for Children and Medical Advisory Committee. Paul is an active instructor in BLS, ACLS, PALS, PEPP, PHTLS and Medical Services. Paul is an active Volunteer fire fighter and the Assistant Emergency Management director for the town of Union, CT.

**James R Williams, AAS, NREMT-P, I/C** – James is the Fire Chief for the City of Lovington, NM. Chief Williams has been actively involved in Fire and EMS for the past 19 years and serves as President of the EMS Region III. He currently works as a Paramedic in the city's Emergency Department, actively involved in EMS research and serves as adjunct faculty for Eastern New Mexico University Roswell.

**Daniel L Wolfson, MD FACEP** – Dr Wolfson is board certified in Emergency Medicine, currently working at Copley Hospital as an Emergency Department Physician. He is the current Medical Director for Vermont District III of Chittenden County. Dr Wolfson has many honors and publications, and was awarded a Scheitzer Fellowship to design and implement an injury prevention program for youth. This program was adopted widely throughout Vermont and was published by the American College of Emergency Physicians and made available to over 30,000 pre-hospital health care providers as part of national EMS week 1997.